



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COUPERATION TREATY (PCT)

WO 00/56085 (11) International Publication Number: (51) International Patent Classification 7: A1 (43) International Publication Date: 21 September 2000 (21.09.00) H04Q 7/20, H04M 11/00

PCT/IL00/00171 (21) International Application Number:

(22) International Filing Date:

16 March 2000 (16.03.92)

(30) Priority Data: 60/124,846 60/176,805

1arch 1999 19 January 2000 (19.01.00)

(71) Applicant (for all designated States except US): STAR HOME GMBH [CH/CH]; Bellerive Treuhand AG, Bellerivestrasse 201, CH-8008 Zurich (CH).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): SOFER, Carmel [IL/IL]; Hermon Street 28, 90805 Mevaseret Zion (IL). WOLFMAN, Shlomo [IL/IL]; Shabtai Street 13, 45257 Hod Hasharon (IL). BIRAN, Ory [IL/IL]; Mordechai Street 86, 36023 Kiriyat Tiveon (IL). :
- (74) Agent: EITAN, PEARL, LATZER & COHEN-ZEDEK; Gav Yam Center 2, Shenkar Street 7, 46725 Herzlia (IL).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, IP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU,

SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM,

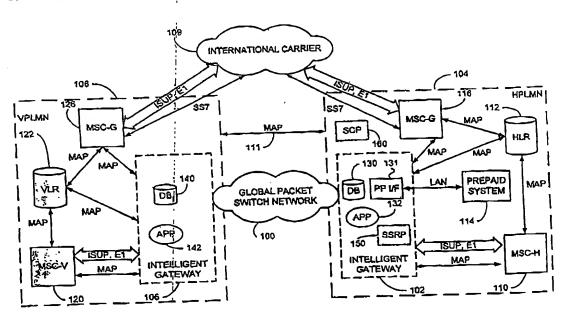
GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: SYSTEM AND METHOD FOR ROAMING FOR PREPAID MOBILE TELEPHONE SERVICE (



(57) Abstract

A system enables telephony services when roaming in a visited mobile network (108) to a user subscribing to a home mobile network (104) and having a prepaid account with a balance at the home mobile network (104). The system includes a home intelligent gateway (106) integrated into the visited mobile network (108), and a global packet switch network (100) connected to the home intelligent gateway (106) and to the visited intelligent gateway (102). The home intelligent gateway (102) and the visited intelligent gateway (106) are configured to communicate via the global packet switch network (100) in order to manage the telephony services in real-time according to the balance.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL AM AZ BA BB	Albania Armenia Australia Australia Azerbaijum Bosnia and Herzegovina Barbados Bolgium Burkina Paso Bulgaria Bonin Brazil Bolarus Canada Central African Republic Congo Switzerland Côte d'Ivoins Canacoon China Cuba Czoch Republic Germany Dormark Estonia	ES FI FR GA GB GGH CN GRUIE IL IS IT IP KEG KP KKZ LC LL	Spain Finland France Gabon United Kingdom Georgia Ghama Chainea Grocce Hungury Ireland Israel Iceland Ishy Japan Kenya Kyrgyzstan Democratic People's Republic of Korea Kazakstan Saint Lucia Licelandas Liceland	PT RO RU SD SE SSG	Lenotho Lithusnia Luxembourg Latvia Monaco Republic of Moldova Madagascar The former Yugoslav Republic of Macedonia Mali Mongolia Mauritania Malawi Mexico Niger Netherlands Norway New Zealand Poland Portugal Romania Russian Federation Sadan Sweden 'Singapart	SI SK SN SZ TD TG TJ TM TT UA UG US VX YV YU ZW	Slovenia Slovenia Senegal Swaziland Chad Togo Tajikistan Turkey Trinklad and Tobago Ukralne Uganda United States of America Uzbekistan Viet Nam Yugoslavia Zimbabwe	
---	--	---	---	-----------------------------------	--	--	---	--